ABSTRACT

The present invention relates to a method for metal coating on a tube, particularly a tube for ozone generators which have been widely used for commercial and industrial purposes. Quartz or high aluminum-oxide-containing is a preferred material for the tube for an ozone generator. According to the present method, the tube is coated with a film of gold by putting the tube in a stove wherein the temperature and baking time is controlled. The present method for coating improves the durability of tubes operated at high temperature brought forth by micro-discharge, and thus extends the service life of the tube as used in an ozone generator.